



Attorney Docket No. 2565/74

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#12/A  
5-1

Inventors: **GRAF et al.**

Serial No.: **09/599,334**

Filed: **June 22, 2000**

For: **METHOD OF DETERMINING THE  
EFFICIENCY OF A DIALYZER OF A  
DIALYSIS MACHINE AND A  
DIALYSIS MACHINE FOR  
CARRYING OUT THIS METHOD**

Examiner: **BIANCO, T**

Art Unit: **3763**

**RECEIVED**  
APR 29 2003  
TECHNOLOGY CENTER R3700

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on

Date March 18, 2003 Atty's Reg. #

**AMENDMENT**

Atty's Signature [Signature]  
**KENYON & KENYON**

S I R:

In response to the Office Action of November 19, 2002, kindly amend the above-captioned application as follows:

**IN THE CLAIMS:**

Please amend claim 7 without prejudice as follows:

7. (Amended) A dialysis machine, comprising:
- a dialyzer;
  - a semipermeable membrane dividing the dialyzer into a blood chamber and a dialysis fluid chamber, the blood chamber having an inlet and an outlet, and the dialysis fluid chamber having an inlet and an outlet;
  - an arterial blood line connected to the inlet of the blood chamber;
  - a venous blood line connected to the outlet of the blood chamber;
  - a dialysis fluid inlet line connected to the inlet of the dialysis fluid chamber;
  - a dialysis fluid outlet line connected to the outlet of the dialysis fluid chamber;
  - a first device for determining at least one of a blood flow rate  $Q_b$  through the blood chamber, a dialysis fluid flow rate  $Q_d$  through the dialysis fluid chamber, and an ultrafiltration rate  $Q_f$ ;

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